

Figure 1

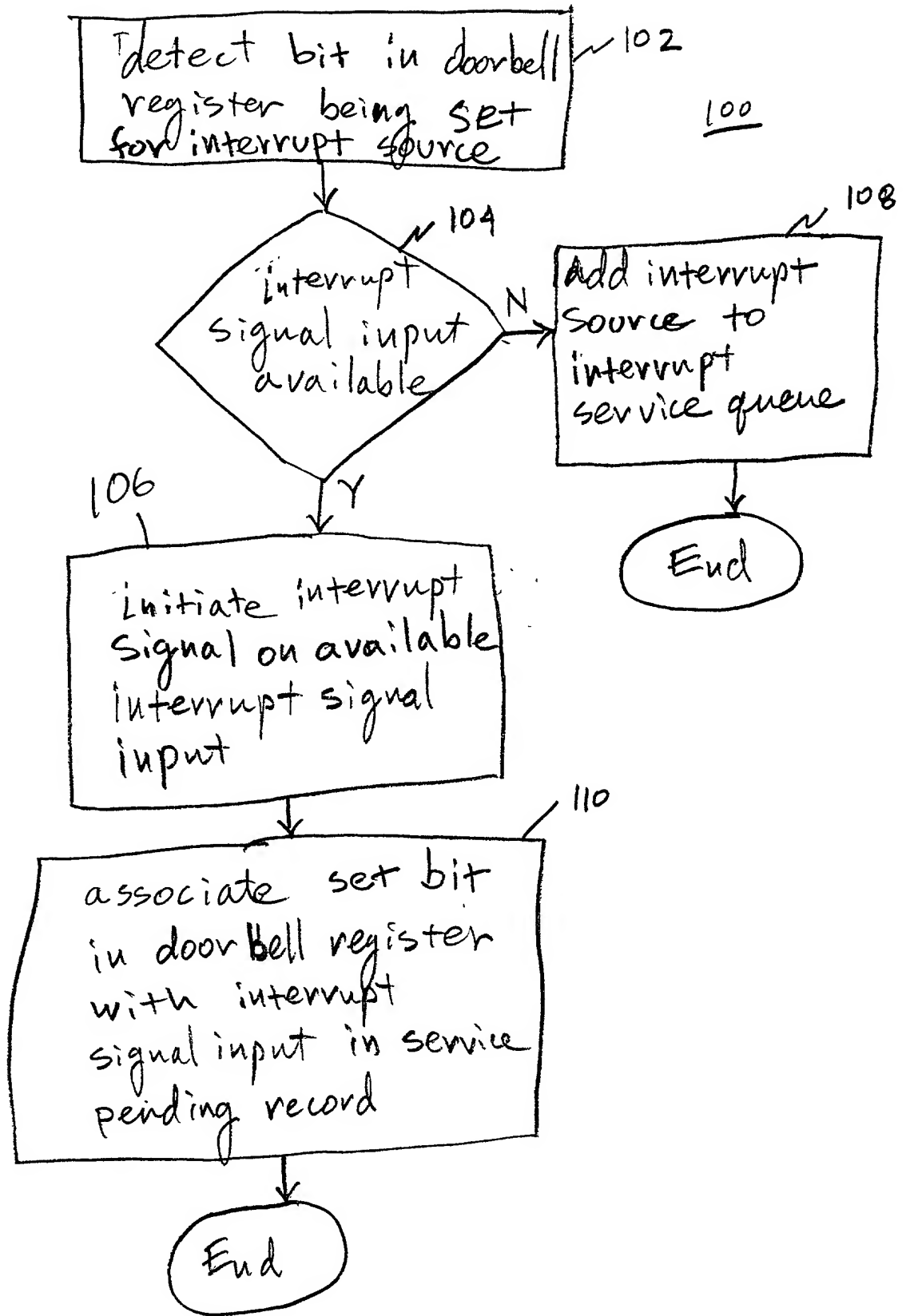


Figure 2

detect bit in doorbell register being cleared for interrupt source

associate cleared bit
(i.e., interrupt source)
with available interrupt
signal input in service
pending record

interrupt
source in interrupt
service queue

End

select next interrupt source in queue to be serviced

initiate interrupt signal
on available interrupt signal
input for selected interrupt
source

associate set bit in doorbell register with interrupt signal input in service pending record

End

Figure 3

[illegible]